

*a16
cancel* the period before the activation of the oxygen density sensor is completed to be utilized at maximum effectiveness.

IN THE CLAIMS:

Amend claims 1 and 2 as follows:

- a17*
1. (Amended) An engine generator apparatus for interconnecting an output of a generator driven by an engine with a power network, comprising:
 - an oxygen density sensor provided on the engine for controlling the air-fuel ration based on its output;
 - a means for interconnecting the output of the power generator with the power network when the oxygen density sensor is in its activated state;
 - a fault detecting means for detecting a fault in the interconnection with the power network;
 - a means for canceling the interconnection with the power network when the fault detecting means detects a fault, and resuming the interconnection with the power network when the fault is removed; and
 - a means for stopping the engine when the interconnection is canceled for a predetermined length of time due to the fault detection.

2. (Amended) A cogeneration system comprising:
 - an engine generator apparatus for interconnecting an output of a generator driven by an

*air
cancel* engine with a power network comprising:

an oxygen density sensor provided on the engine for controlling the air-fuel ratio based on its output;

a means for interconnecting the output of the power generator with the power network when the oxygen density sensor is in its activated state;

a fault detecting means for detecting a fault in the interconnection with the power network;

a means for canceling the interconnection with the power network when the fault detecting means detects a fault, and resuming the interconnection with the power network when the fault is removed;

a means for stopping the engine when the interconnection is canceled for a predetermined length of time due to the fault detection; and

a waste heat utilizing unit for utilizing waste heat produced by the operation of the engine generator apparatus, wherein the engine is started in response to a heat request generated by the waste heat utilizing unit.